

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A wireless communications network, comprising:

a wired network;

a wireless channel;

a wireless application service provider server computer connected to the wired network, operable via ~~standard~~ network protocols of the wired network for wired communications over the wired network, and operatively dedicated for effecting communications over the wireless channel via specialized ~~non-standard~~ transport layer protocols of the wireless channel for wireless communications over the wireless channel;

a wireless packetized data communications provider equipment connected to the wireless application service provider server computer, for effecting communications of the server computer over the wireless channel in accordance with the specialized protocols of the wireless channel; and

a wireless device for communicating over the wireless channel, via the wireless packetized data communications provider equipment in accordance with the specialized protocols of the wireless channel, with the server computer;

~~wherein the wireless device communicates over the wireless channel via specialized non-standard protocols;~~

wherein the server computer is dedicated for communications with the wireless device, through the provider equipment over the wireless channel, via the specialized ~~non-standard~~ protocols;

wherein the server computer intermediates communications of the wireless device to be carried over the wired network, by communicating with the wireless device via the specialized ~~non-standard~~ transport layer protocols and correspondingly communicating over the wired network via ~~standard~~ the network protocols of the wired network;

wherein the specialized transport layer protocols for communications on the wireless channel reduce acknowledgement communications required per the network protocols of the wired network.

Claim 2 (currently amended): The wireless communications network of claim 1, further comprising a client software stored on the wireless device for enabling wireless communications over the wireless channel by the wireless device with the server computer, via the provider equipment, according to the specialized ~~non-standard~~ transport layer protocols of the wireless channel.

Claim 3 (original): The wireless communications network of claim 2, wherein the wired network operates according to an open systems interconnect model protocol.

Claim 4 (canceled).

Claim 5 (original): The wireless communications network of claim 2, wherein the wired

network is the Internet.

Claim 6 (original): The wireless communications network of claim 1, wherein the wireless channel is a cellular packetized data system.

Claim 7 (original): The wireless communications network of claim 1, wherein the wireless channel is a CDPD system.

Claim 8 (currently amended): The wireless communications network of claim 2, further comprising:

a server software operable on the wireless application service provider server computer for enabling wireless communications via the specialized transport layer protocols of the wireless channel ~~non-standard optimized protocol~~, between the server computer and the wireless device, having the client software, over the wireless channel.

Claims 9-28 (canceled).

Claim 29 (new): The wireless communications network of claim 1, further comprising:

a manager, connected to the wireless channel, for varying communications via the specialized transport layer protocols of the wireless channel, between the wireless device and the server computer in accordance with characteristics of the wireless channel.